



RENOLIN SC

Cooling and Lubricating Oils for Vane and Screw Compressors

Description

The RENOLIN SC series was developed to meet the increased requirements of vane and screw compressors. Due to the function of screw compressors, intensive swirling of the cooling oil and air occurs. At final compression temperatures of up to 110°C, the oils are subjected to a strong oxidative attack that accelerates aging. The selection of special synthetic base oils and additive systems makes long, interruption-free operations possible. To ensure optimum performance of the oil separator, the air release properties and low foaming are characteristic for screw compressor oils.

Excellent wear protection and the requirements listed above describe the performance capability of the RENOLIN SC series.

Application

Air compressor lubricants for oil-injected vane and screw compressors with final compression temperatures of up to 110°C. For advice regarding the compression of other media, please contact our Applications Technology department.

Please comply with manufacturers' specifications.

Advantages

- **Excellent oxidative and thermal stability**
- **Final compressor temperatures up to 110°C**
- **Good demulsification behavior**
- **Low evaporation losses**
- **Minimal coking**
- **Low foaming tendency**
- **Good air release properties**
- **Protects against wear and corrosion**

The above information is supplied to the best of our knowledge and belief on the basis of the current state-of-the-art and our own development work. Subject to amendment.



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Typical Chemical and Physical Properties:

Product		32	46	68	
Property	Unit				Test Method
ISO VG		32	46	68	DIN 51 519
Kinematic viscosity at 40 °C	mm ² /s	32.0	46.0	68.0	DIN 51 562-1
at 100 °C	mm ² /s	5.4	7.2	8.7	
Viscosity index	-	100	117	99	DIN ISO 2909
Density at 15°C	Kg/m ³	871	875	879	DIN 51 757
Colour index	ASTM	1.0	1.0	1.0	DIN ISO 2049
Flash point in open cup according to Cleveland	°C	218	236	251	DIN ISO 2592
Pour point	°C	-15	-12	-9	DIN ISO 3016